

SLPD 40/20-64/32 SAE is a series of in-line double pumps with extremely low noise levels for demanding mobile hydraulics.

SLPD 40/20-64/32 SAE pumps are equipped with shafts and flanges according to the SAE-C standard. They are available in five different sizes. It's slim pump housing enables direct installation on the power take-off in very confined spaces. SLPD is also easy to install with frame mountings via an intermediate shaft. The high level of reliability is based on the choice of materials, hardening methods, surface structures and the quality assured manufacturing process. Maximum pressure is 4785 - 5075 psi, dependent on model.

Other advantages:

- Independent direction of rotation
- A cost effective total solution in relation to a conventional installation using two pumps with a splitter gear box
- Smooth operation over the entire speed range
- Long life due to high demands on material selection, such as bearings, seals, etc.
- O-rings on all contact surfaces as well as double shaft seals eliminate oil leakage from the pump and power take-off
- Extremely low noise emission over entire speed and pressure ranges
- Complete inventory in the US

Versions, main data

Example

SL	PD	-	46/46	W	-	N	-	SC4	-	C14	-	S4	S	-	0
Line	1		2	3		4		5		6		7	8		9

Line

SL	Sunfab In-Line
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1. Type

PD	Dual flow pump
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2. Displacement

40/20	35/35	56/28	46/46	53/53	64/32
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3. Direction of rotation

W	Independent
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4. Sealing

N	Nitrile
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5. Mounting flange

SC4	SAE C4
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6. Shaft

C14	SAE C 14t-12/24DP
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7. Connection cover

S4	Sunfab standard SLPD
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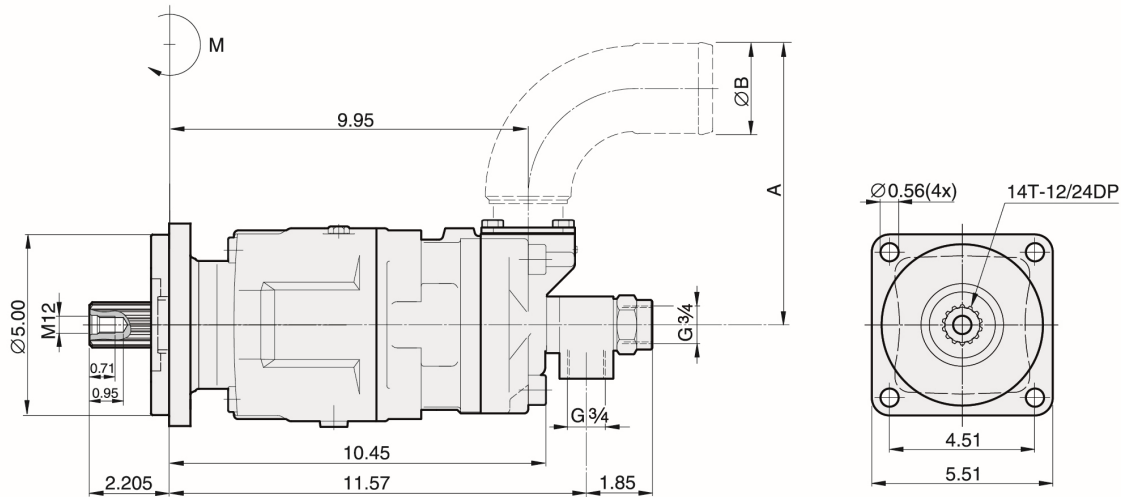
8. Connections

S	Sunfab standard
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9. Additional Connections

0	-
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Pump SLPD 40/20-64/32 SAE			40/20	35/35	56/28	46/46	53/53	64/32
Theoretical oil flow at pump speed	rpm	500	5.36 + 2.67	4.46 + 4.46	7.24 + 3.62	6.05 + 6.05	6.92 + 6.92	8.32 + 4.15
		1000	10.8 + 5.36	8.95 + 8.95	14.5 + 7.26	12.1 + 12.1	13.9 + 13.9	16.6 + 8.32
		1500	16.1 + 8.03	13.4 + 13.4	21.7 + 10.9	18.1 + 18.1	20.8 + 20.8	25.0 + 12.5
Displacement	cu in/rev		2.48 + 1.24	2.07 + 2.07	3.35 + 1.68	2.79 + 2.79	3.20 + 3.20	3.84 + 1.92
Max pump speed	rpm		2200	2200	1800	1800	1600	1600
Max working pressure	psi		5075	4785	5075	4785	4785	5075
Weight	lb		48.5	48.5	48.5	48.5	48.5	48.5
Dimensions	in	A	5.24	5.24	6.54	6.54	6.54	6.54
Min. dimensions		B	2.0	2.0	2.5	2.5	2.5	2.5
Tare-weight torque (M)	lb-ft		19.5	19.5	19.5	19.5	19.5	19.5
Direction of rotation	Independent							



35/35, 46/46, 53/53



40/20, 56/28, 64/32



Spline shaft:
SAE C
Mounting flange:
SAE C

Useful conversions:
1 in = 25.40 mm
1 GPM = 3.79 l/min.
1 cu in/rev. = 16.39 cm³/rev.
1 psi = 0.00689 MPa
1 psi = 0.07 bar
1 lb = 0.45 kg
1 lb-ft = 1.36 Nm



WARNING

When the pump is running:

1. Do not touch the pressure hose
2. Watch out for rotating parts
3. The pump and hoses may be hot

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